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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/663,551	09/18/2000	Mark R. Thompson	19396-001400US	6622

20350 7590 09/19/2002

TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

EXAMINER

SAJOUS, WESNER

ART UNIT	PAPER NUMBER
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2672

DATE MAILED: 09/19/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/663,551

Applicant(s)

THOMPSON ET AL.

Examiner

Wesner Sajous

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 August 2002.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                  | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### **Remarks**

This communication is responsive to the amendment filed on August 5, 2002. By this amendment, claims 1, 2, 14, and 19 are amended, and claims 20-23 are cancelled without disclaimer. Accordingly, claims 1-19 are now presented for examination.

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 1-19 have been fully considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Torres (5,384,910) in view of Cline et al. (5,771,032).

Considering claim 1, at figs. 1/2, item 12, and col. 2, lines 39-45, col. 9, lines 15-35, Torres sets forth or renders obvious most claimed features of the invention, as recited in the previous office action, paper no. 2; however, Torres fails to contemplate that a control device be provided to allow the user to specifically control the shape of the subsection of the graphical user interface.

Nevertheless, Cline, in the same field of endeavor, provides a method of resizing the shape of a window using a scroll-bar, wherein a scroll-bar icon is provided to enable the GUI to display a drop-down scroll-bar so that a user can scroll text within a window, hence causing the GUI to dynamically reshape the window frame around the text. Cline also provides a reshapener icon to allow the user to reshape the window to its original state. See fig. 3, and cols. 3-4, lines 30-20.

Therefore, based on the above embodiments, the ordinary skill in the art at the time the invention was made would have motivated to incorporate the features of Cline together with Torres, wherein a control device be provided to allow the user to specifically control the shape of the subsection of the graphical user interface; in order to enable a user to dynamically modify the shape or size of a window so that the window is the smallest possible size, yet continues to display its contents (col. 2, lines 7-10).

The invention of claims 2-3, 11, including a formatting graphical user interface (30) comprises defining a subsection of the GUI and designating the subsection of the GUI as reconfigurable (*by means of processor 12 of system 10 defining window 34 including a menu field or subsection 60*), although slightly different, it recites features equivalent to and performing similar functions as in claim 1, and is, therefore, subject to rejections for the same reasons and rationale set forth for claim 1, for the system 10, during processing, does not reconfigure the entire GUI (30), but a portion of the display or the components or subsections of the menu-formatted GUI. It is further noted that the processing system 10 can facilitate the designation of at least one of the plurality of

the fields (or subsections 58-68) in field palette 56 of GUI 30 for manipulation or reconfiguration by the user, as characterized by step 178 of fig. 10 of Torres, and Cline recites for allowing the user to modify the shape of the window during reconfiguration.

Re claims 4-10, 12-13, the claimed steps of--utilizing a width and height to define the maximum expansion and the minimum compression size limit of the subsection, and allowing the user to control the expansion the GUI together with the subsection—are characterized by the functions of processing system 10, for this feature allows for maximum flexibility in utilizing the formatted GUI and allows for the customization of the components of the GUI by the user operator. See col. 3.

Considering claims 14-18, Torres discloses or render obvious most claimed features of the invention as applied in the above claims 2-3, and 11 rejections as applied in the previous office action; except for the claimed of providing a control device accessible to a user for allowing the user to specifically control the shape of the subsection of the graphical user interface.

However, Cline, in the same field of endeavor, provides the means characteristics for such claimed feature. See fig. 3, and cols. 3-4, lines 30-20.

Thus, given the teaching of Cline, the ordinary skill in the art at the time the invention was made would have motivated to combine the features of Cline with Torres, wherein a control device be provided to allow the user to specifically control the shape of the subsection of the graphical user interface; in order to enable a user to dynamically modify the shape or size of a window so that the window is the smallest possible size yet continues to display its contents (col. 2, lines 7-10).

The invention of claims 19, including the steps of defining the spatial properties of the subsection (*as characterized in Torres by fig. 2, item 56 by means of processor 12*); and permitting the user to retain the spatial properties of the subsection during reconfiguration (*by means of the operator-initiated command under the execution of the processor to contemplate for the designation of the reconfigurable subsection of the GUI 30 in Torres*), although slightly different, it recites features equivalent to and performing similar functions as in claim 2, and is, therefore, subject to rejections for the same reasons and rationale set forth for claim 2. The spatial properties are noted to represent the field menus or subsections arrangements on the screen of GUI 30, so as to make the user interaction easier.

### Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892 form.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(703) 305-872-9314, (for **Technology Center 2600 only**)

or (703) 308-6606 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington, VA., Sixth Floor (Receptionist

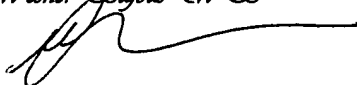
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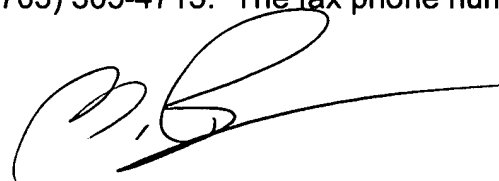
Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Wesner Sajous** whose telephone number is **(703) 308-5857**. The examiner can also be reached on Monday through Thursday and on alternate Fridays between 9:00AM to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached at (703) 305-4713. The fax phone number for this group is (703) 308-6606.

*Wesner Sajous - WPS*



9/12/02



**MICHAEL RAZAVI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600**